

Data File : VU030089.D
Acq On : 14 Mar 2019 21:10
Operator : JC/SP
Sample : K1918-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0999

Quant Time: Mar 15 02:49:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	489694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113000	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.54%
7) Chloroethane-d5	1.78	69	440	0.17	ug/L	0.10
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.34%#
11) 1,1-Dichloroethene-d2	2.27	63	171444	28.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.62%#
21) 2-Butanone-d5	4.17	46	236233	95.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.63%
24) Chloroform-d	4.65	84	269418	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.31	65	160366	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	564636	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
36) 1,2-Dichloropropane-d6	6.33	67	181768	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.24%
41) Toluene-d8	7.56	98	514721	43.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.22%
43) trans-1,3-Dichloropropene-	7.85	79	75948	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
47) 2-Hexanone-d5	8.31	63	198695	92.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278310	46.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	220755	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

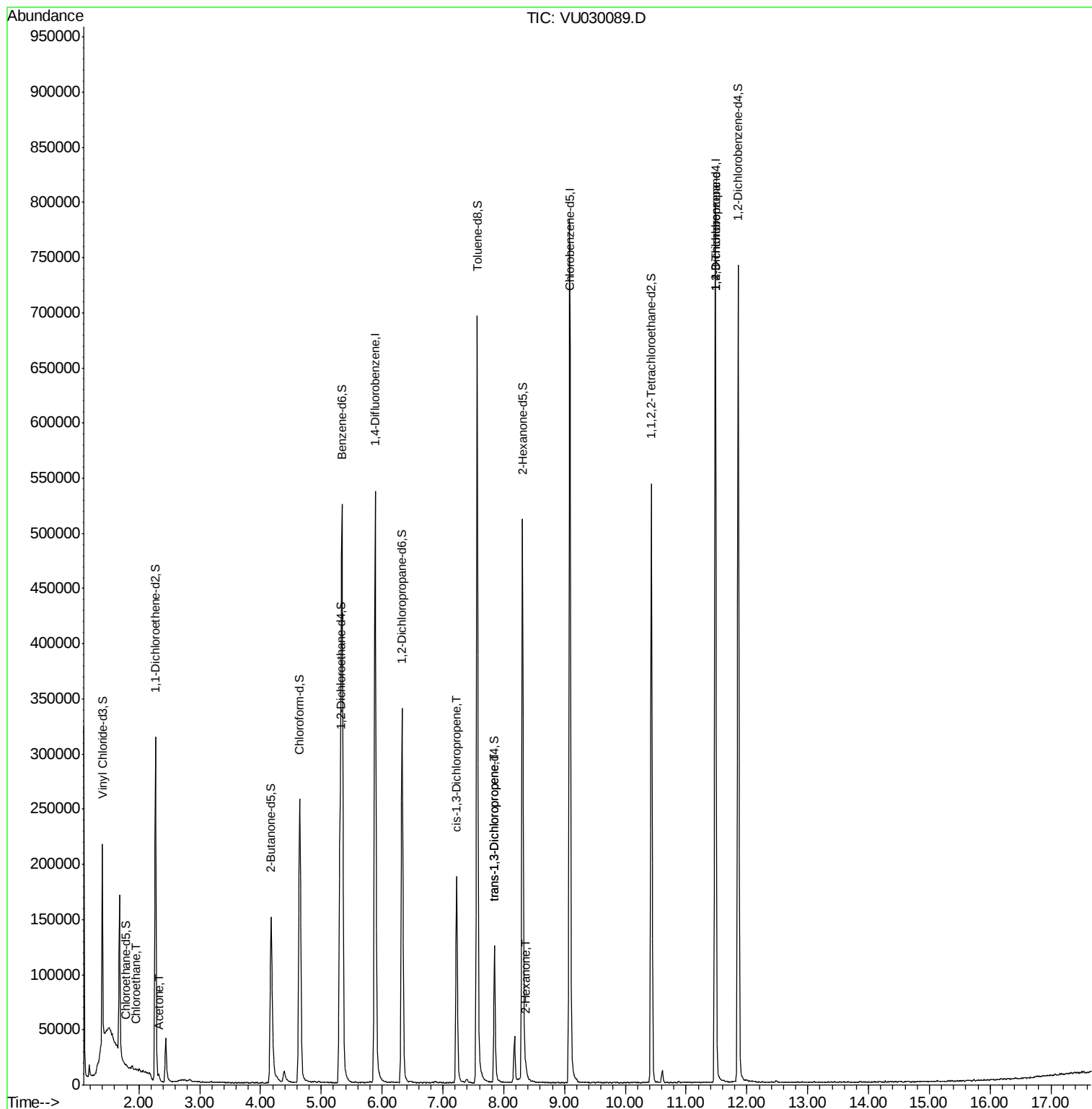
					Qvalue	
8) Chloroethane	1.94	64	1139	0.456	ug/L #	56
13) Acetone	2.32	43	4265	1.477	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	3993	0.696	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	2930	0.559	ug/L	96
48) 2-Hexanone	8.36	43	4069	0.958	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	24101	5.021	ug/L	95

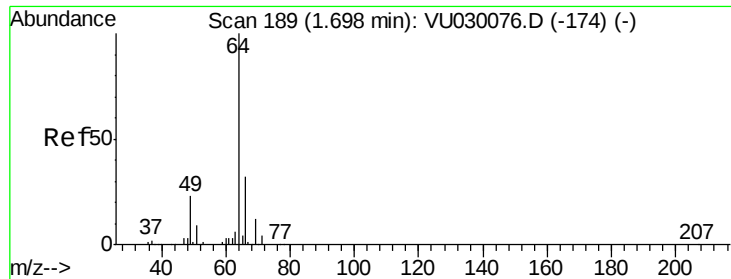
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.456 ug/L

RT: 1.94 min Scan# 265

Delta R.T. 0.24 min

Lab File: VU030089.D

Acq: 14 Mar 2019 21:10

Instrument :

MSVOA_U

ClientSampleId :

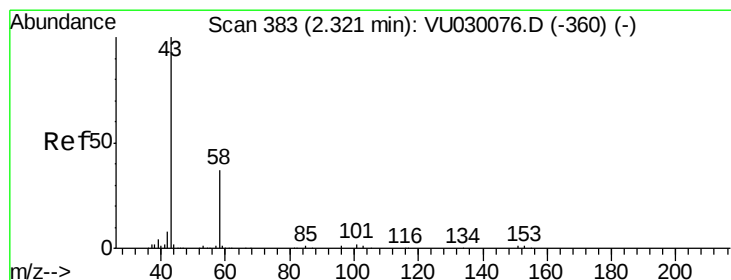
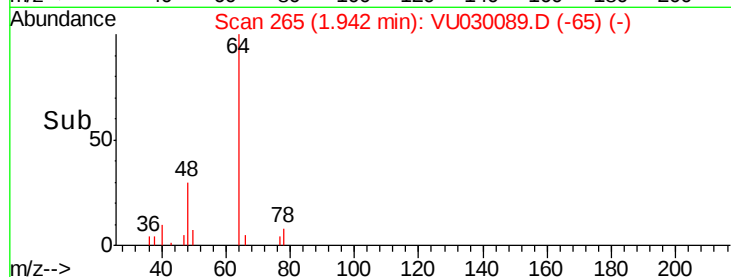
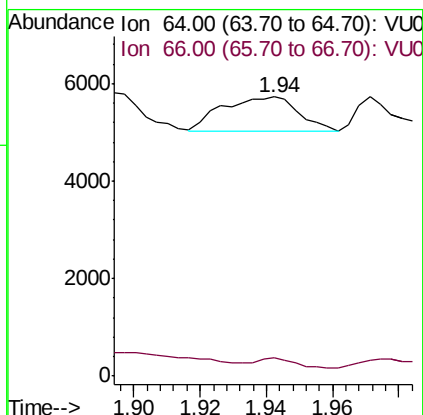
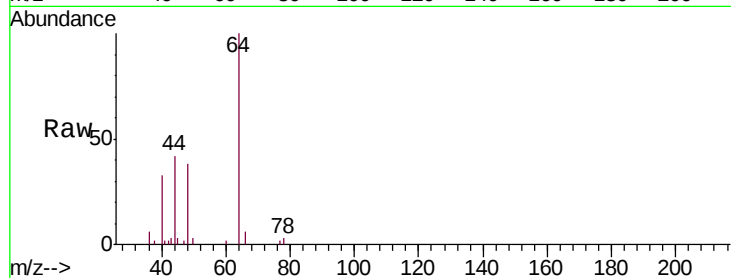
C0999

Tgt Ion: 64 Resp: 1139

Ion Ratio Lower Upper

64 100

66 6.4 21.3 39.6#



#13

Acetone

Concen: 1.477 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030089.D

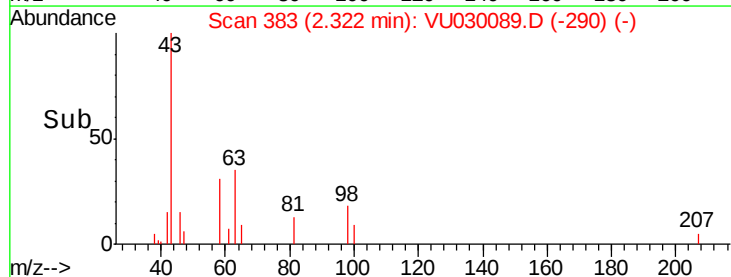
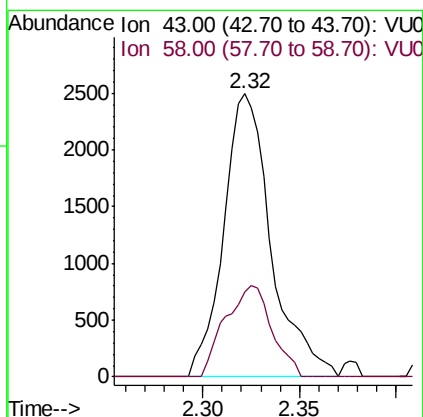
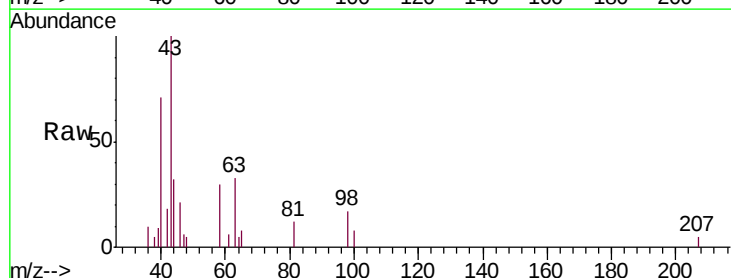
Acq: 14 Mar 2019 21:10

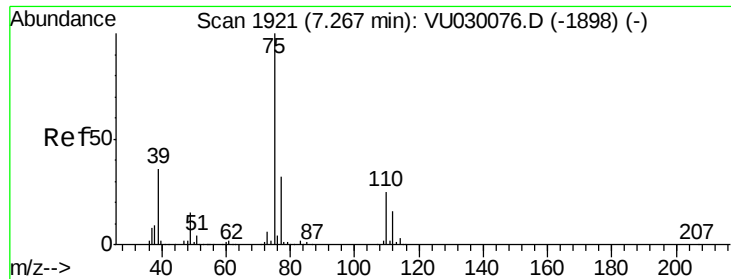
Tgt Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

58 31.6 0.0 73.0



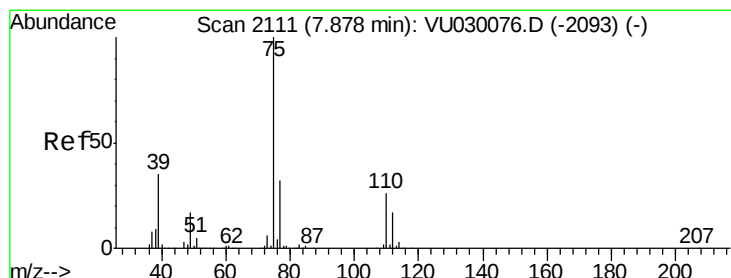
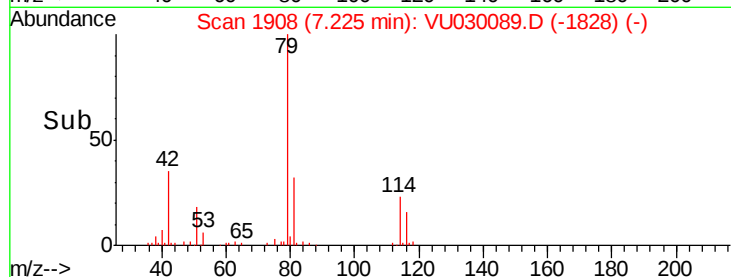
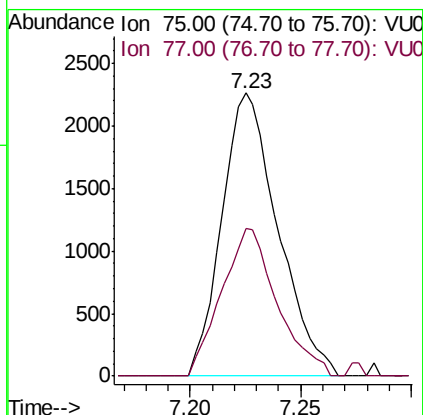
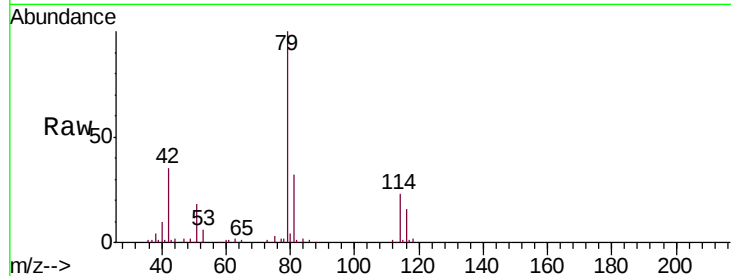


#39

cis-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030089.D
Acq: 14 Mar 2019 21:10

Instrument :
MSVOA_U
ClientSampled :
C0999

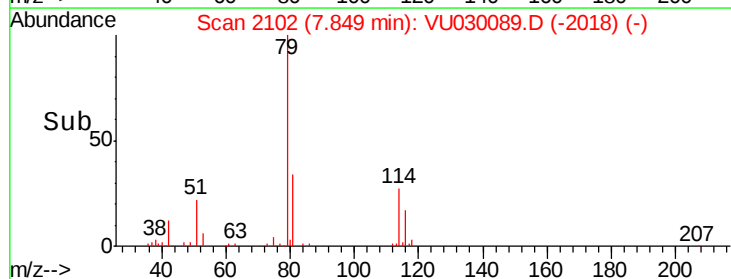
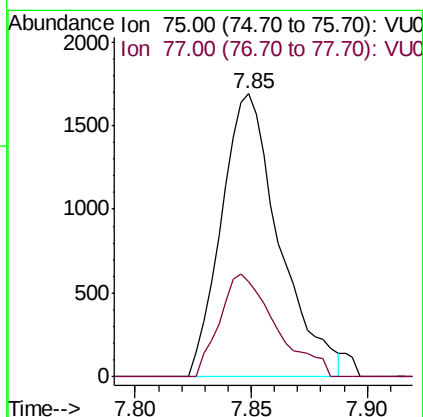
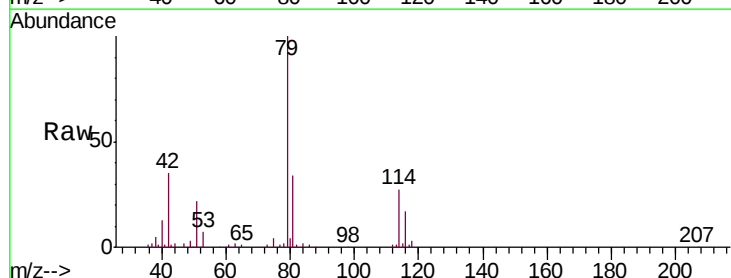
Tgt Ion: 75 Resp: 3993
Ion Ratio Lower Upper
75 100
77 52.0 22.2 41.2#

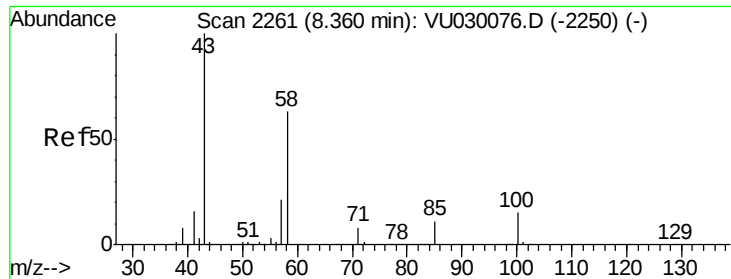


#44

trans-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030089.D
Acq: 14 Mar 2019 21:10

Tgt Ion: 75 Resp: 2930
Ion Ratio Lower Upper
75 100
77 33.5 21.9 40.7

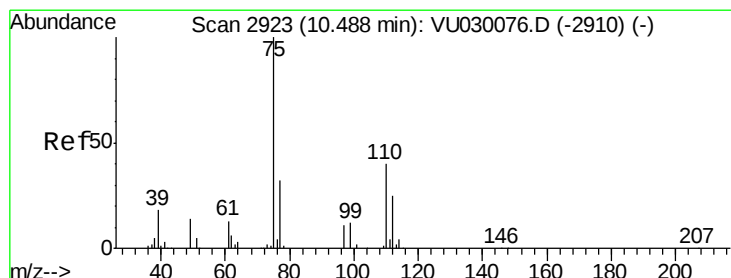
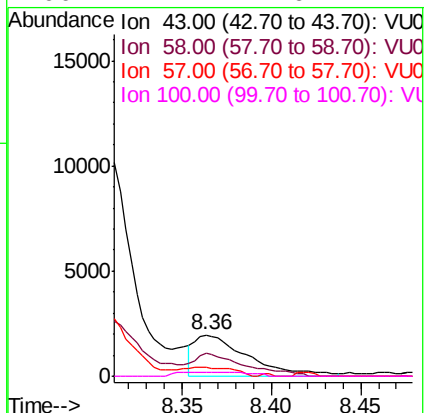
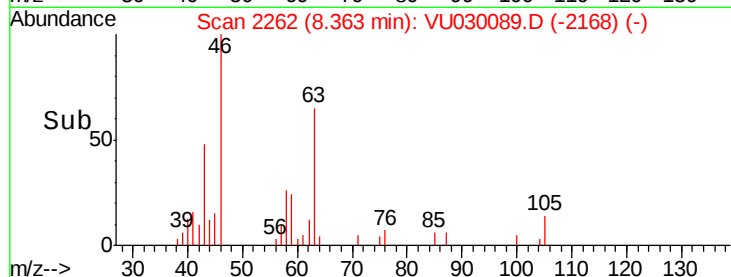
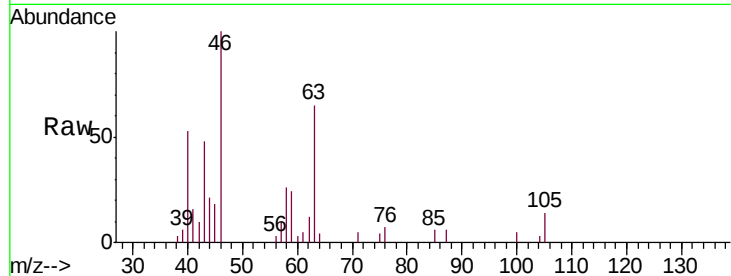




#48
2-Hexanone
Concen: 0.958 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030089.D
Acq: 14 Mar 2019 21:10

Instrument :
MSVOA_U
ClientSampleId :
C0999

Tgt Ion: 43 Resp: 4069
Ion Ratio Lower Upper
43 100
58 36.3 48.6 72.8#
57 2.1 16.1 24.1#
100 4.1 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.021 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030089.D
Acq: 14 Mar 2019 21:10

Tgt Ion: 75 Resp: 24101
Ion Ratio Lower Upper
75 100
77 35.0 25.8 38.8

